

Listing of Claims:

- 1 1. (Amended) A turf reinforcement mat for placement on top of soil comprising:
2 at least one polymer net layer;
3 a non-woven mat comprising a plurality of multi-dimensional polymer
4 fibers providing a more entangled fiber layer than non-woven mats comprising
5 one-dimensional polymer fibers, to break up the flow and energy of water
6 passing over the soil and said mat; and,
7 a polymer yarn, stitching said net layer to said non-woven mat.
- 1 2. (Original) The turf reinforcement mat of claim 1, wherein said multi-
2 dimensional polymer fiber has at least three edges and at least three channels.
- 1 3. (Original) The turf reinforcement mat of claim 1, wherein said multi-
2 dimensional polymer fiber is selected from the group consisting of polyolefins,
3 polyesters, polyamides and blends thereof.
- 1 4. (Original) The turf reinforcement mat of claim 1, wherein said multi-
2 dimensional fibers have a length from about 2 inches (5 cm) to about 12
3 inches (30 cm).
- 1 5. (Original) The turf reinforcement mat of claim 1, wherein said multi-
2 dimensional polymer fiber has a density of from about 300 denier (333
3 decitex) to about 2000 denier (2222 decitex).
- 1 6. (Original) The turf reinforcement mat of claim 5, wherein said multi-
2 dimensional polymer fiber has a density of from about 500 denier (555
3 decitex) to about 1100 denier (1222 decitex).

- 1 7. (Previously presented) The turf reinforcement mat of claim 1, wherein the
2 polymer of said net layer is selected from the group consisting of polyolefins,
3 polyesters, polyamides and blends thereof.
- 1 8. (Original) The turf reinforcement mat of claim 1, further comprising a second
2 polymer net layer, said non-woven mat being located between said first and
3 second nets.
- 1 9. (Original) The turf reinforcement mat of claim 1, wherein the tensile strength
2 of the turf reinforcement mat is at least 30% greater than the tensile strength
3 of an otherwise identical turf reinforcement mat having round multi-
4 dimensional polymer fibers.
10. (Canceled).
11. (Canceled).
12. (Canceled).
13. (Canceled).
14. (Canceled).
15. (Canceled).
16. (Canceled).
17. (Canceled).